Notice of Allowability 10/642,690 SHIN ET AL. Examiner Art Unit Examiner Ar
Notice of Allowability Examiner Jefferson A. Evans 2627 The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. □ This communication is responsive to 2. □ The allowed claim(s) is/are 1-25. 3. □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some* or □ None of the: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. □ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 5. □ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) □ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) □ hereto or 2) □ to Paper No./Mail Date (b) □ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date
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Attachment(s) 4. M Notice of Informal Patent Application (PTO-152)
 Notice of References Cited (PTO-892) Notice of Informal Patent Application (PTO-152) Notice of Draftperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413),
Paper No./Mail Date
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/08), 7. ☑ Examiner's Amendment/Comment Paper No./Mail Date
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 8. ☑ Examiner's Statement of Reasons for Allowance
9. Other

Application/Control Number: 10/642,690

Art Unit: 2627

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The title has been deleted and replaced with:

- -- Hard Disk Drive Having a Base Including A Channel At The Bottom Of A Moving Region And Corresponding To A Moving Path Of A Slider --.
- 2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jefferson A. Evans whose telephone number is 571-272-7574. The examiner can normally be reached on Monday to Friday, 9:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Thi Nguyen can be reached on 571-272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JAE

June 24, 2006

Jefferson A. Evans Primary Examiner Art Unit 2627

> JEFFERSON EVANS PRIMARY EXAMINER

Application/Control Number: 10/642,690

Art Unit: 2627

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: the prior art of record neither teaches nor suggest a hard disk drive having a base with an air damping ramp adjacent a disk, a moving region in which a slider and slider driving unit move and having a bottom at a level different than the air damping ramp, and a channel formed to be recessed at the bottom of the moving region and extending along a moving path of the slider. Applicant's prior art figures 2 and 5A accurately depict the closest prior art and the addition of the channel formed to be recessed at the bottom of the moving region and extending along a moving path of the slider represents a non-obvious difference between the claimed invention and the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."